

**ABSTRACT OF THE DISCLOSURE****FLIGHTLESS ROCK AUGER FOR USE WITH PRESSURE DRILLS WITH QUICK  
ATTACHMENT AND METHOD OF USE**

5 A flightless rock auger is used for drilling postholes  
through rock with the use of hydraulic pressure and at slow  
revolution per minute. The rock auger is used in combination  
with a conventional flighted auger used for drilling postholes  
in dirt and clay. During a posthole drilling operation, the rock  
10 auger is substituted for a conventional flighted auger as needed  
for drilling through and removing rock or other hard material  
such as concrete from the posthole. The rock auger is designed  
for use at very low revolutions per minute and can function  
utilizing only the weight of the auger; however, the rock auger  
15 is designed for use with pressure drilling units as well for  
cutting a circular hole through the rock and forming a plug which  
is to be lodged in the cavity of the rock auger cylinder to be  
removed from the posthole. The quick connection enables the  
shaft of a pressure drill unit to engage the flightless auger to  
20 be quickly substituted for the rock auger to facilitate fast  
removal of soft dirt from the posthole. A pilot drill bit can  
be disposed within the cutting head for extending outwardly pass  
the cutting edge thereof for starting the hole, breaking up rock,  
and holding the auger in position during the drilling operation.  
A portion of the cylindrical body can be removed to allow quick  
25 clearance of the plug.